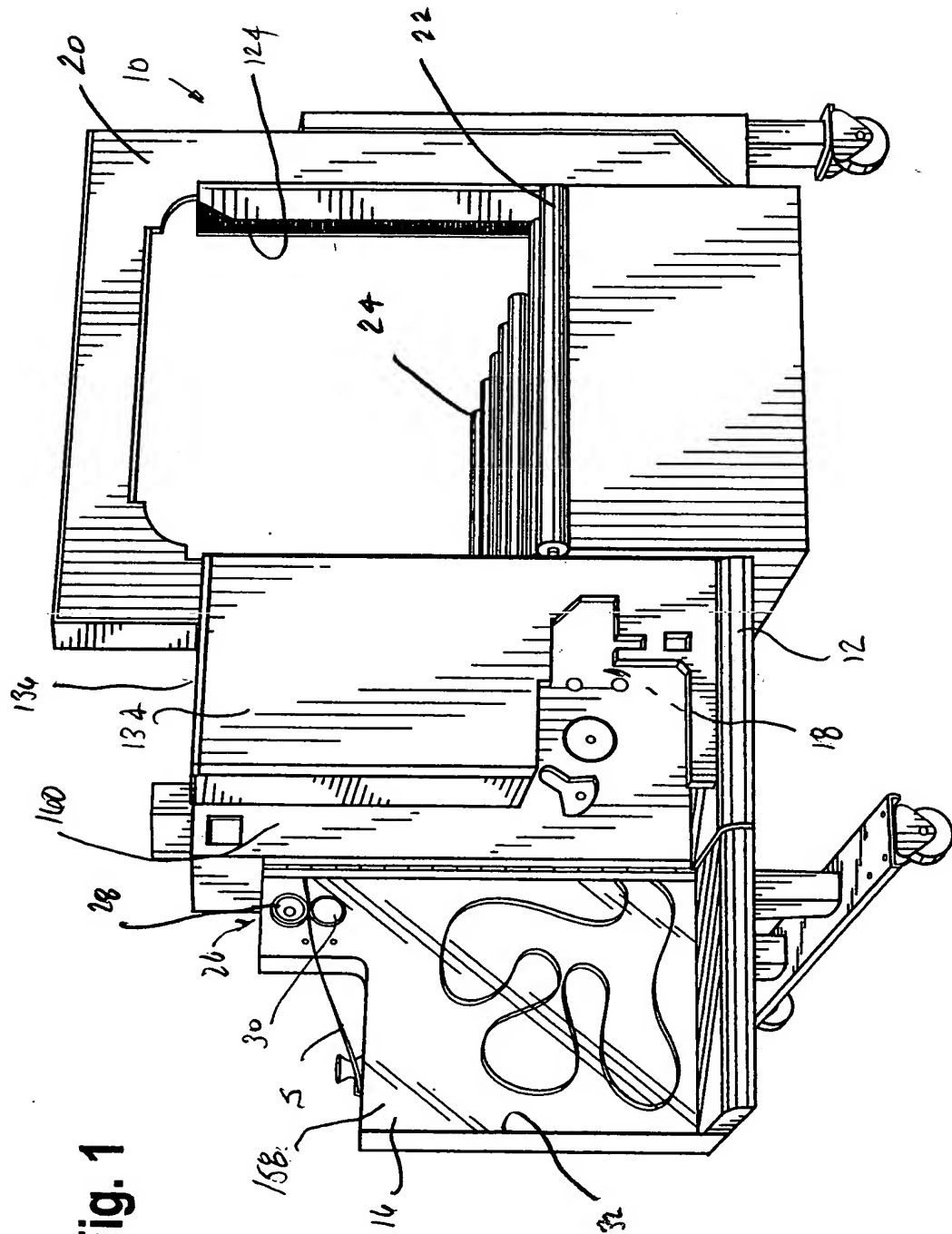


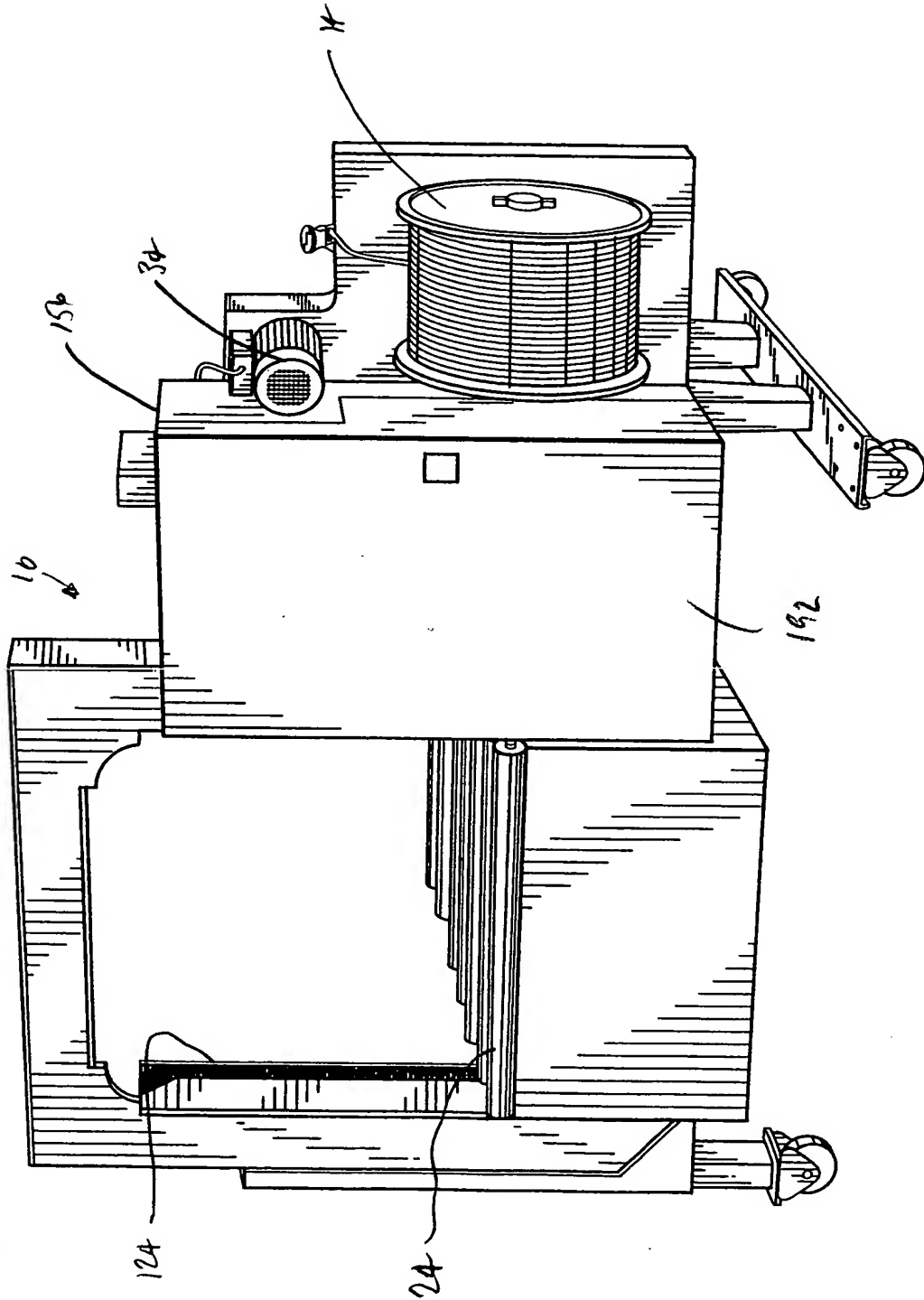
1/21



**Fig. 1**

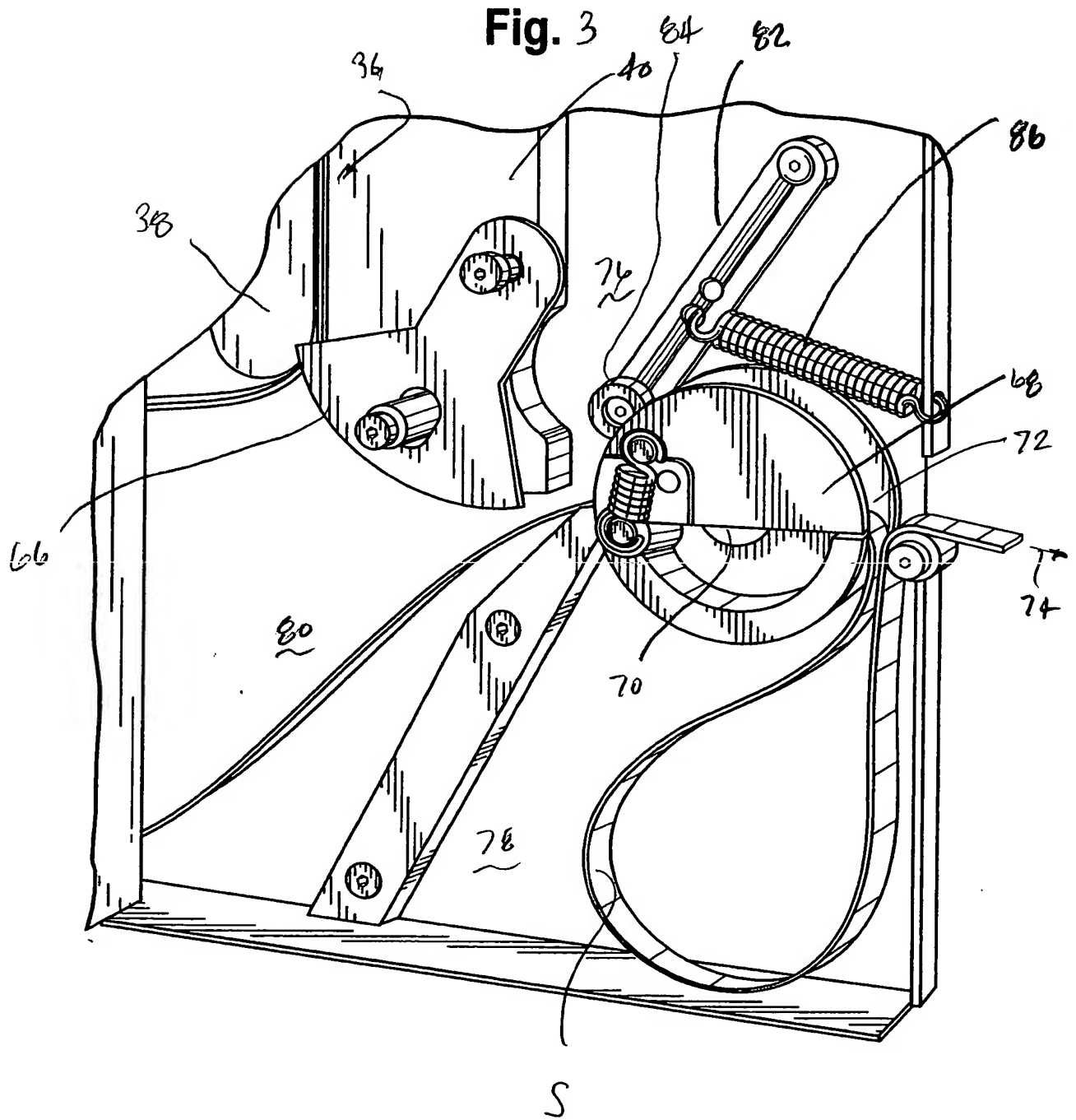
**BEST AVAILABLE COPY**

2/21



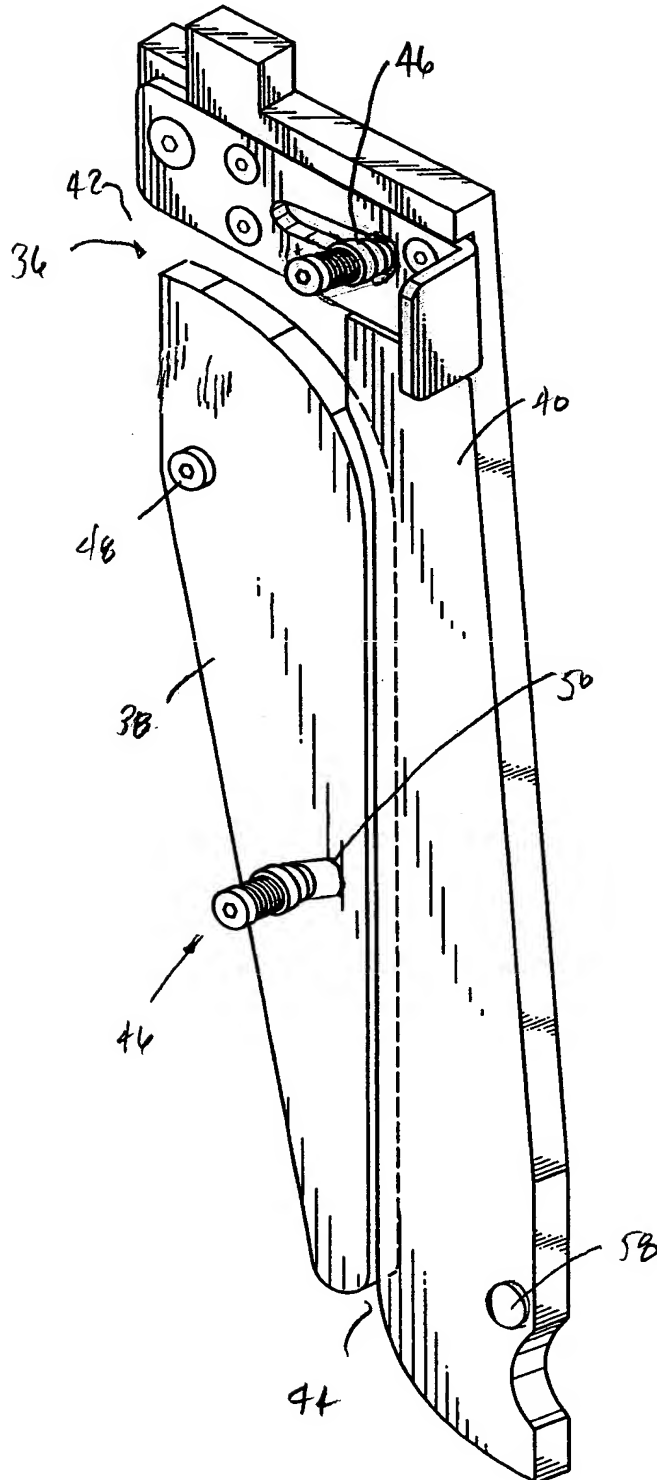
**Fig. 2**

3/21

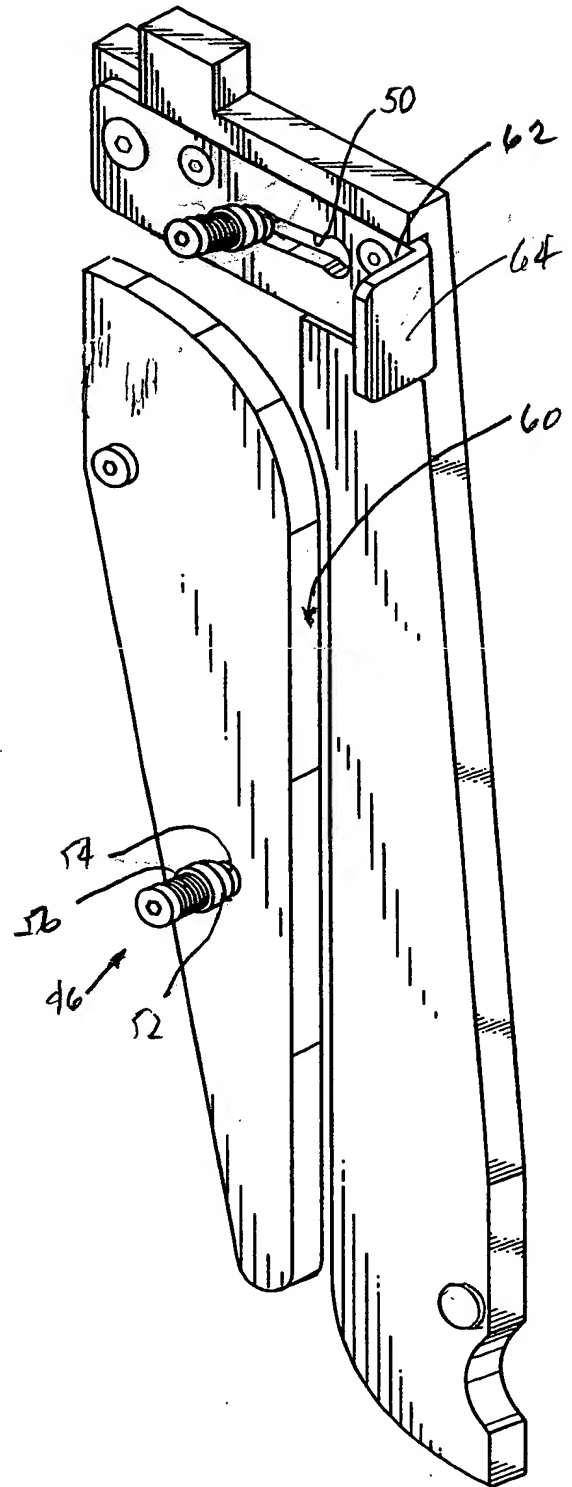


41/21

**Fig. 4**

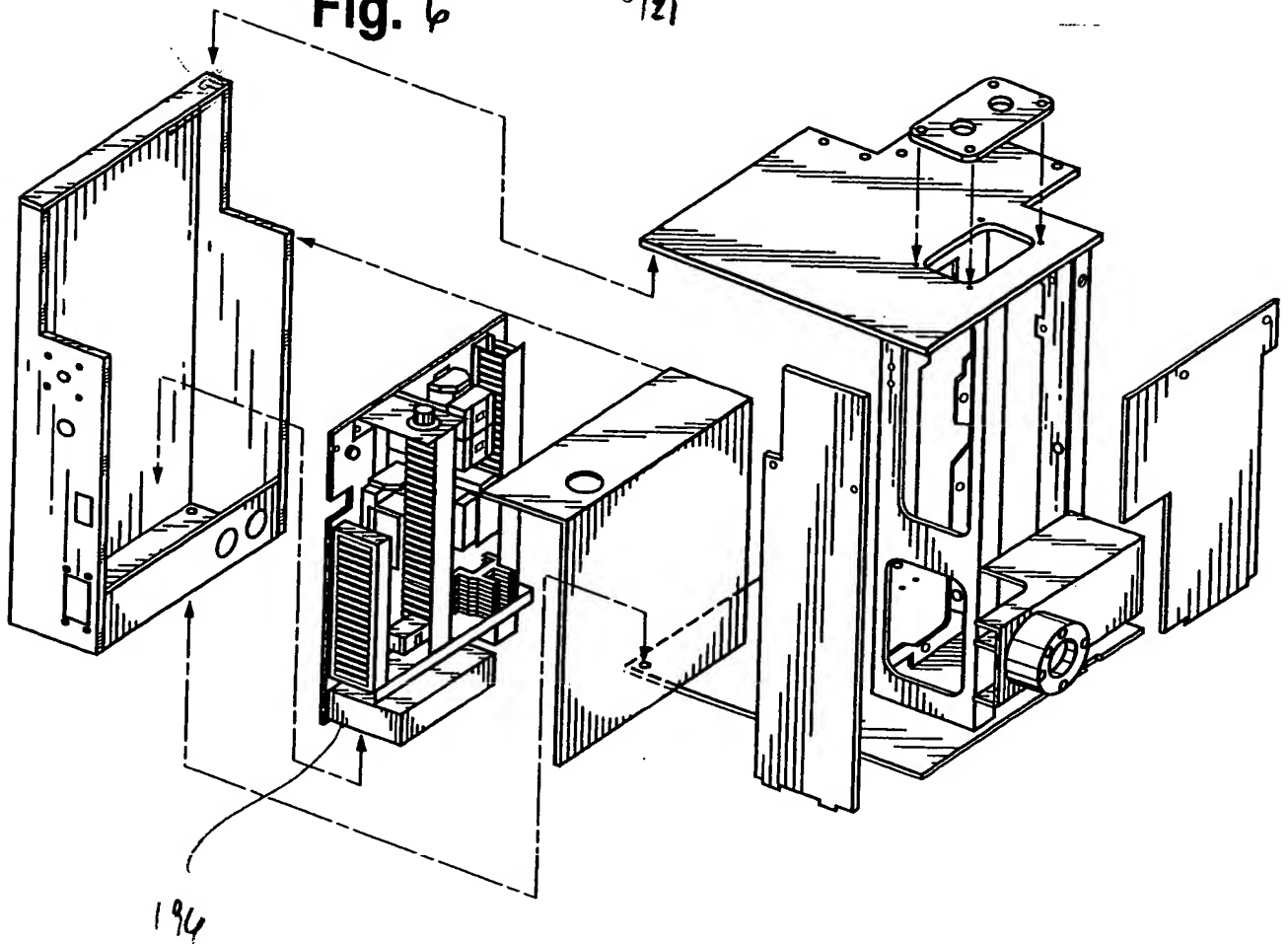


**Fig. 5**

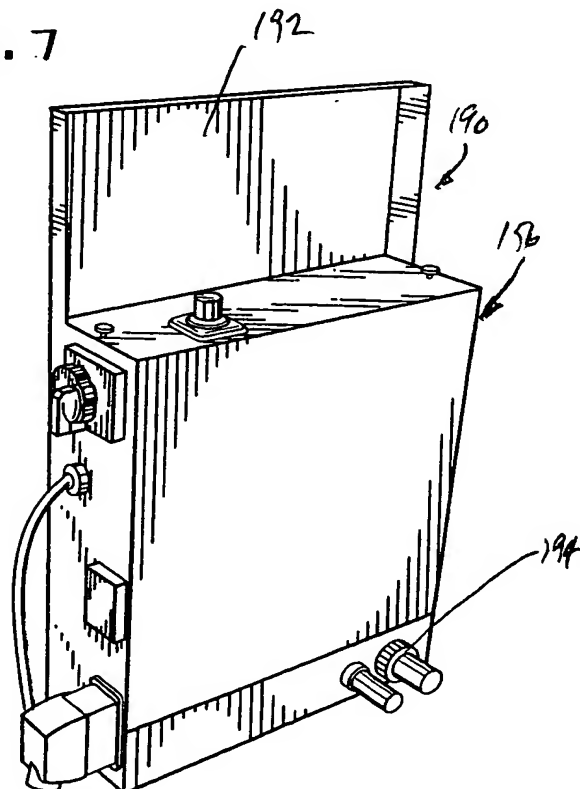


**Fig. 6**

5/21

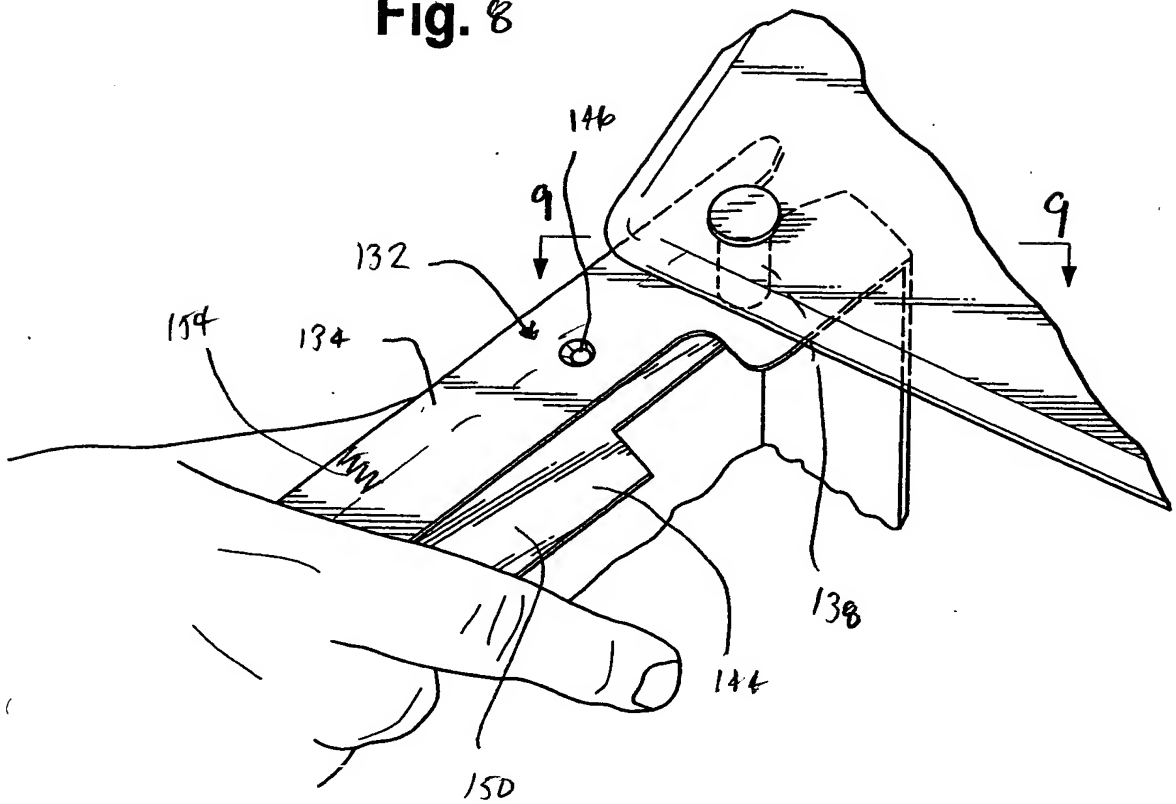


**Fig. 7**

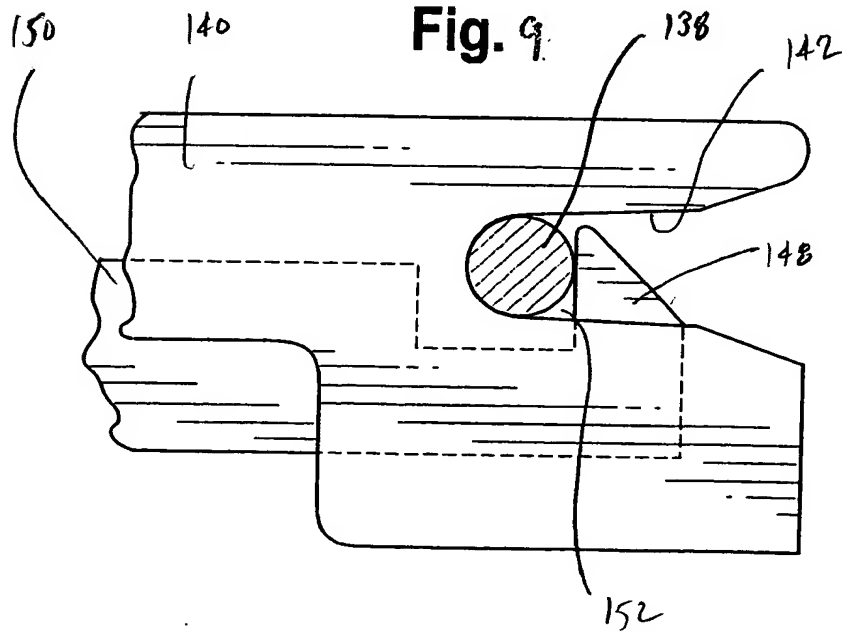


6/21

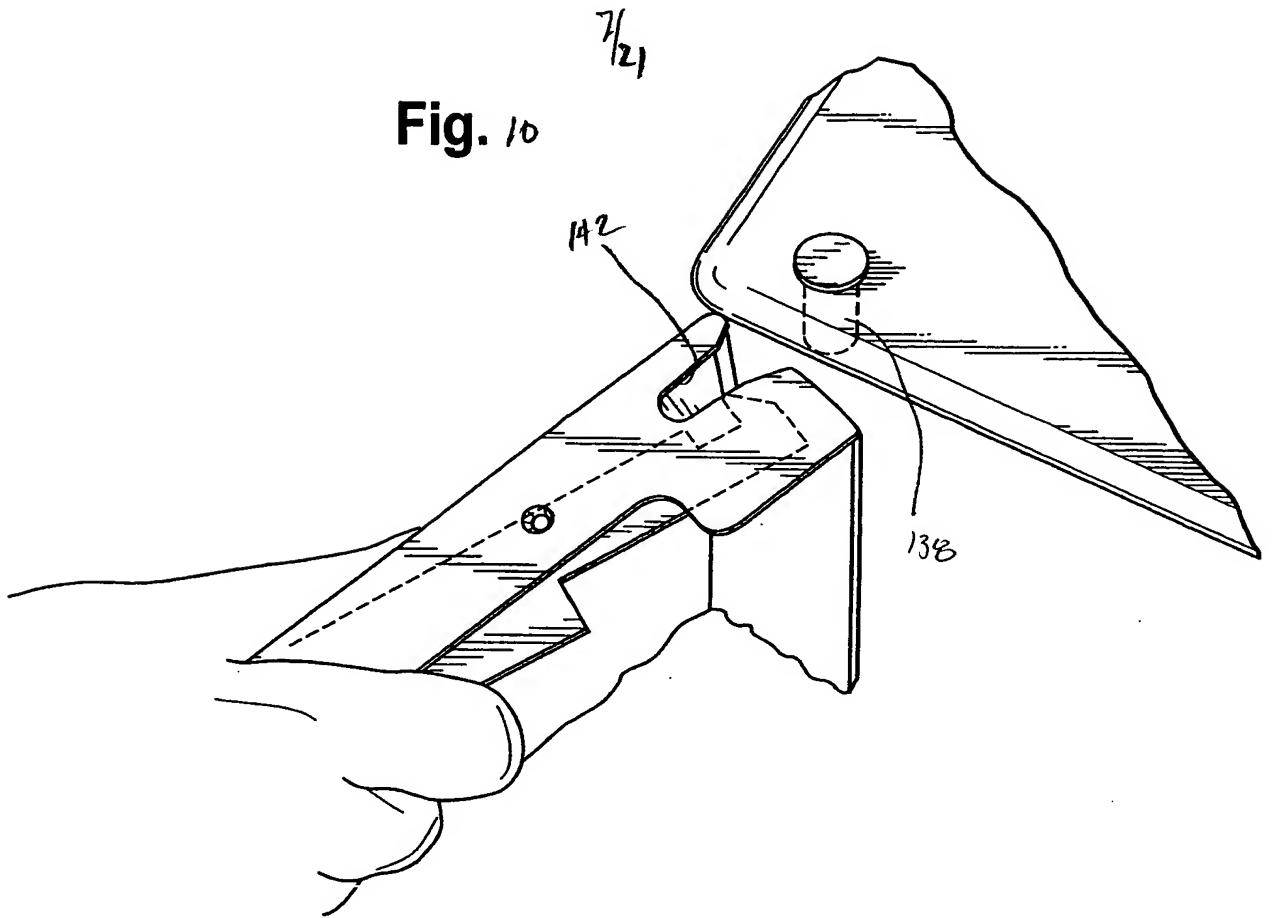
**Fig. 8**



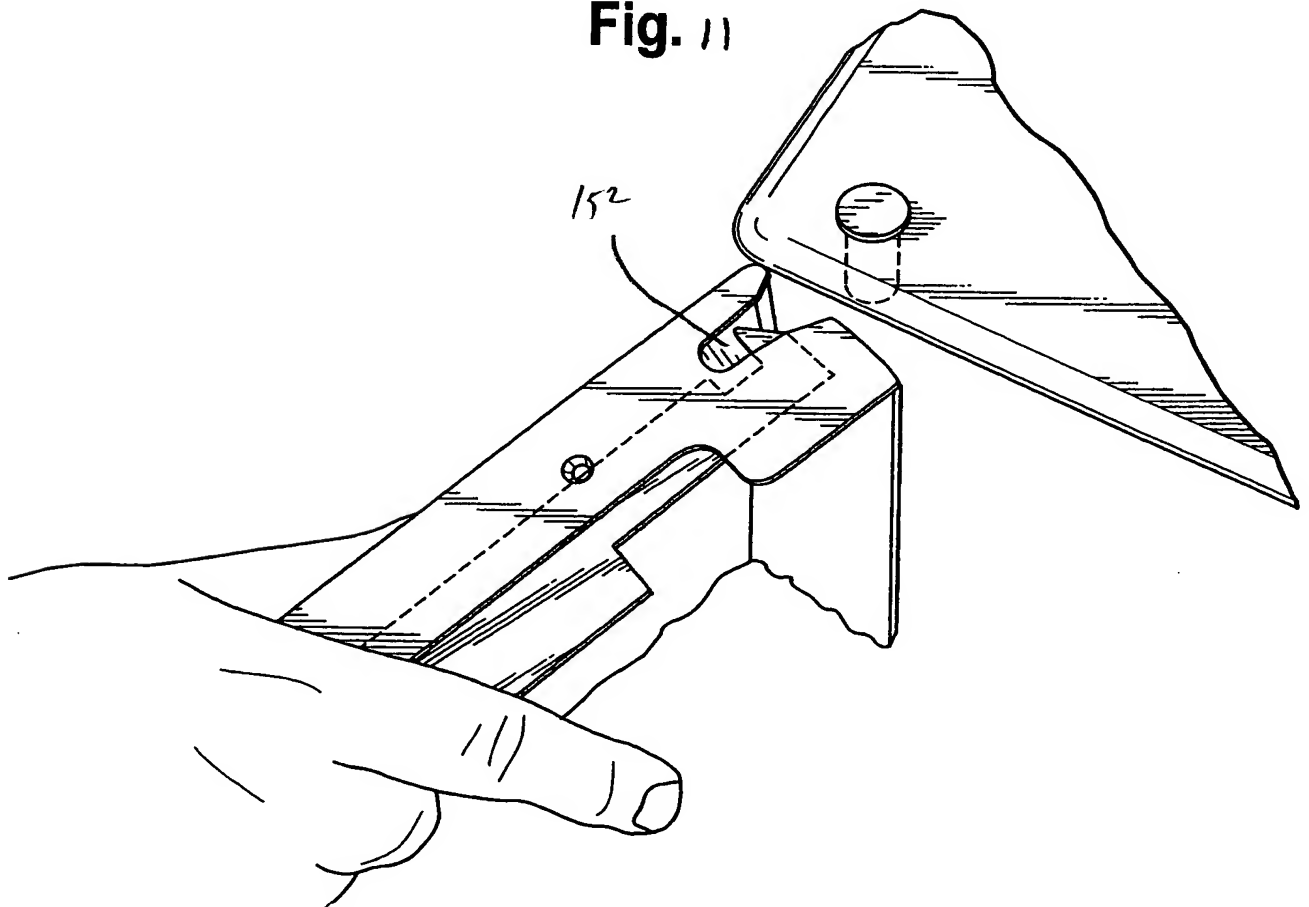
**Fig. 9**



**Fig. 10**

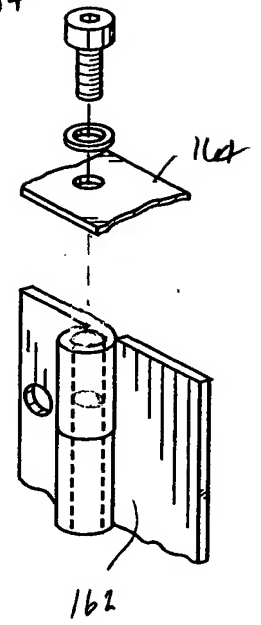


**Fig. 11**

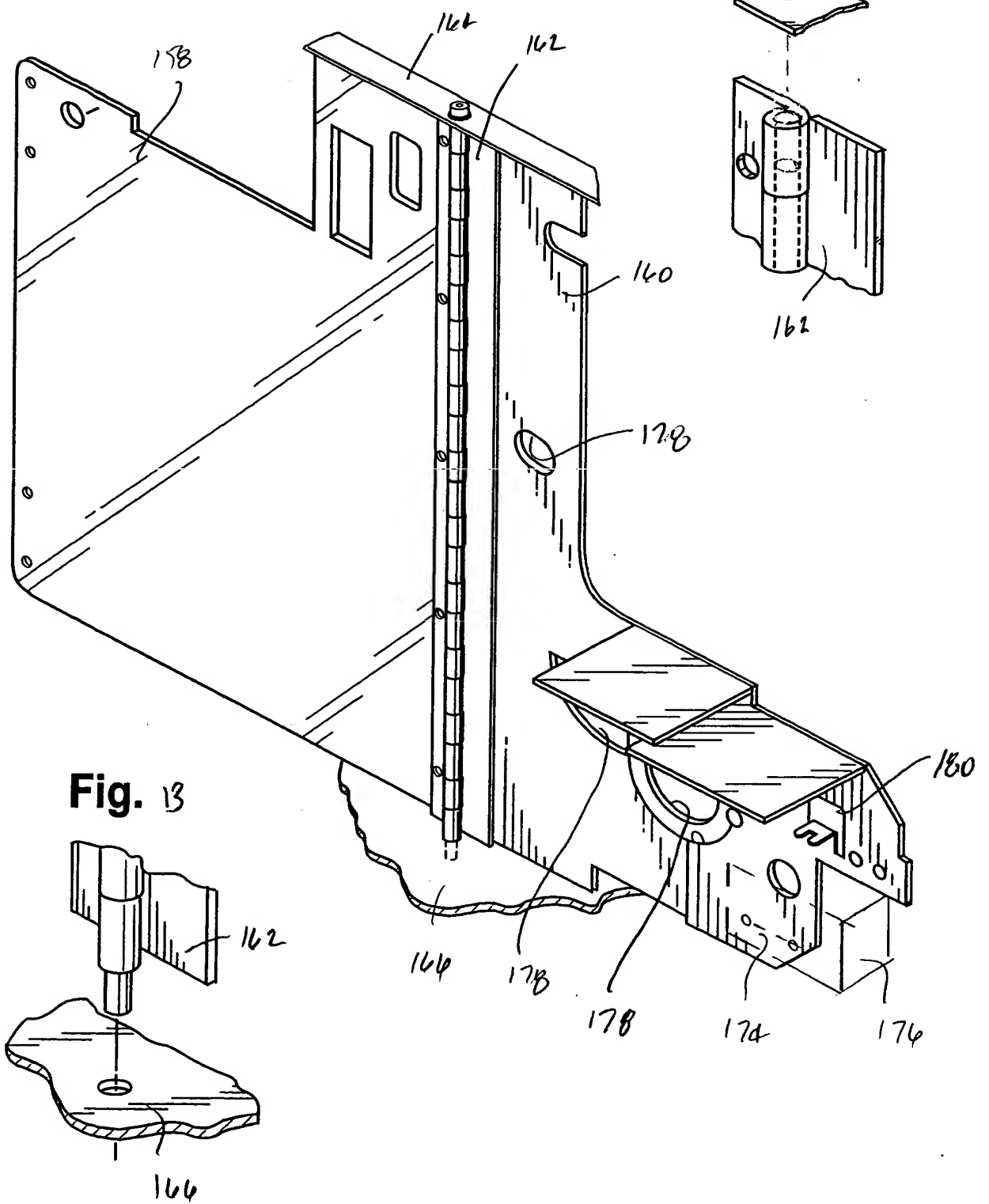


8/21

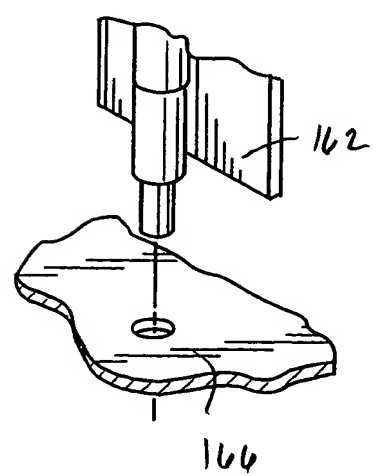
**Fig. 14**



**Fig. 12**



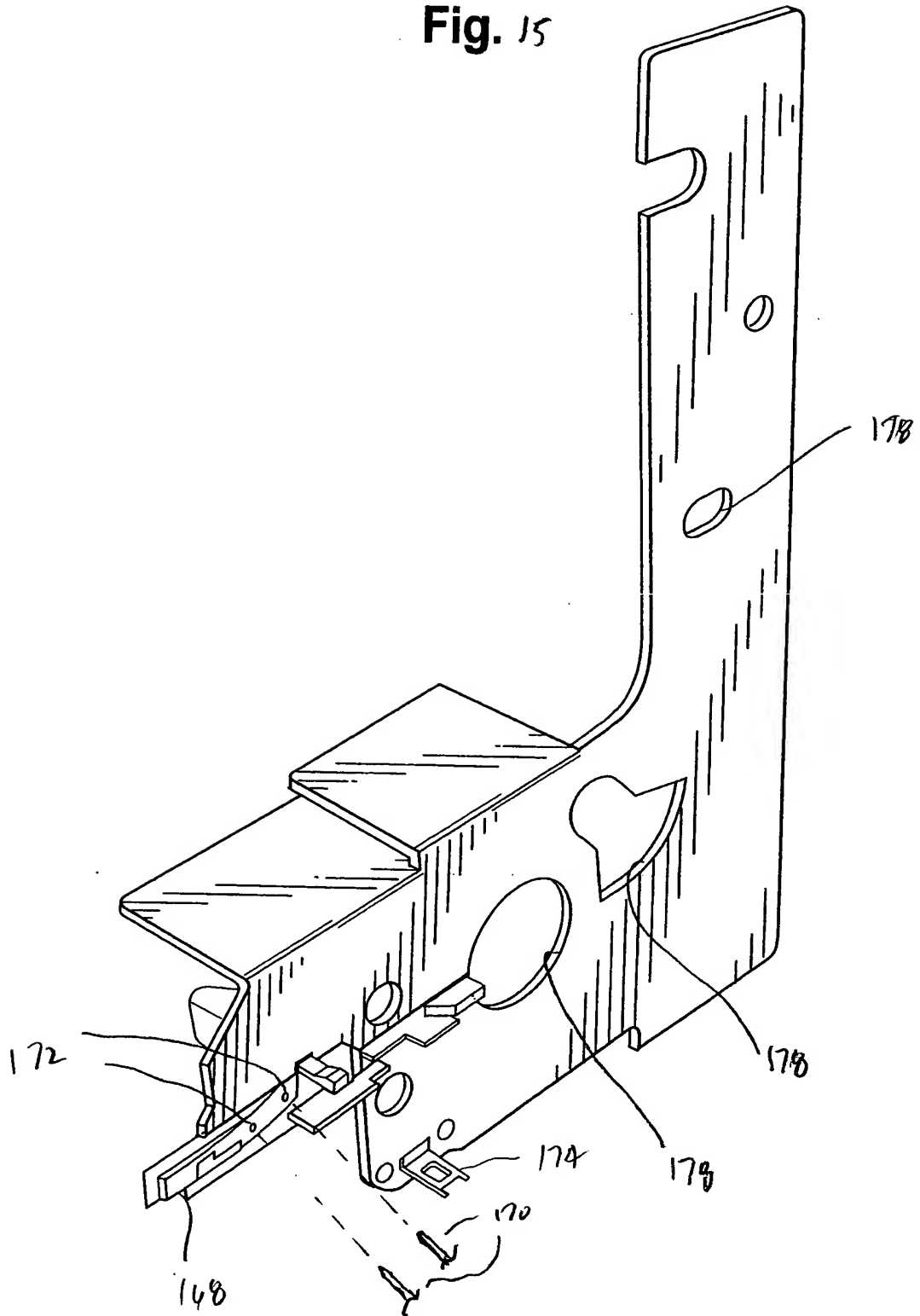
**Fig. 13**

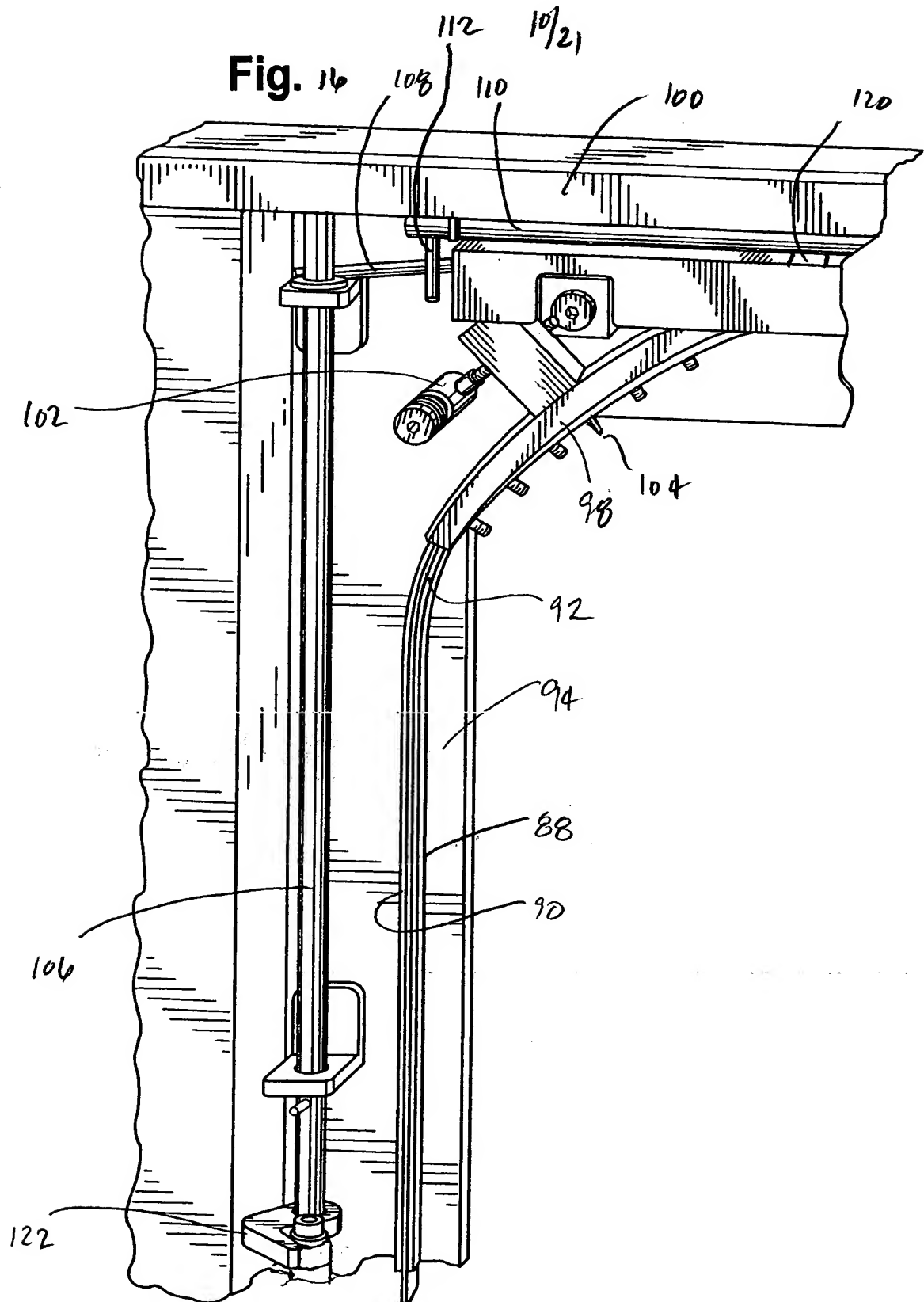




9/21

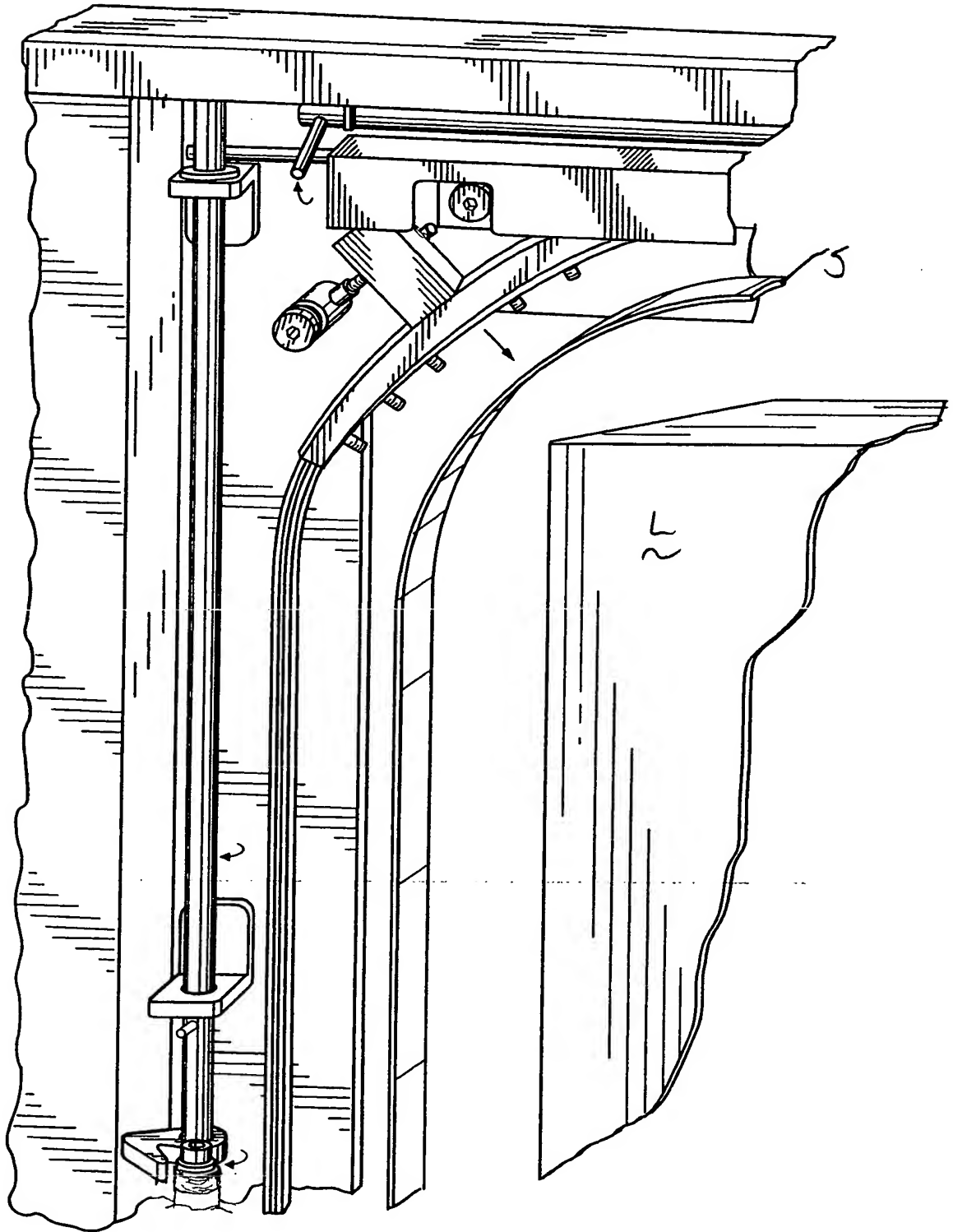
**Fig. 15**





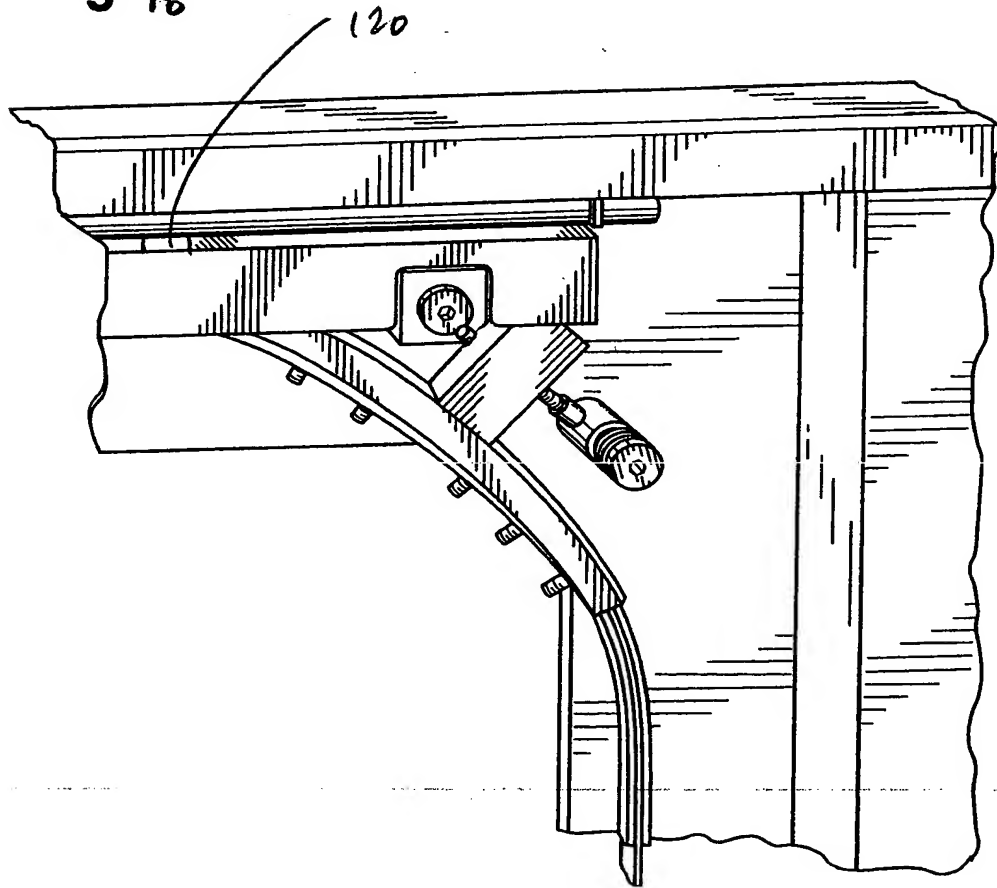
4/21

**Fig. 17**



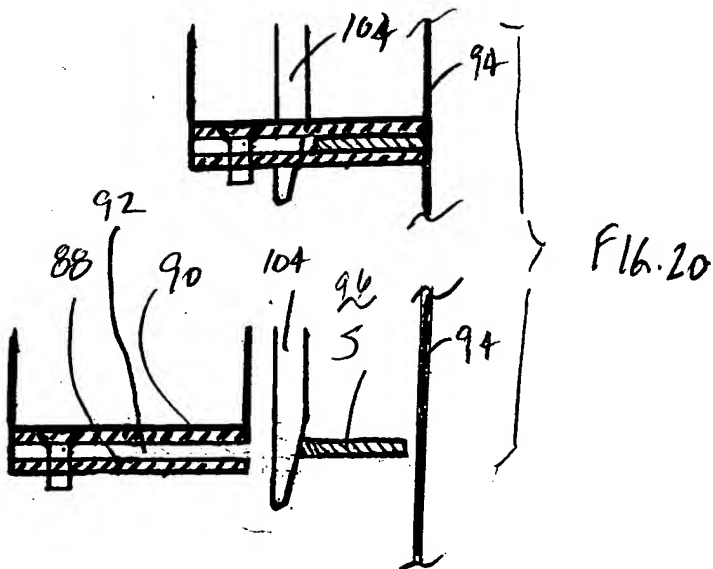
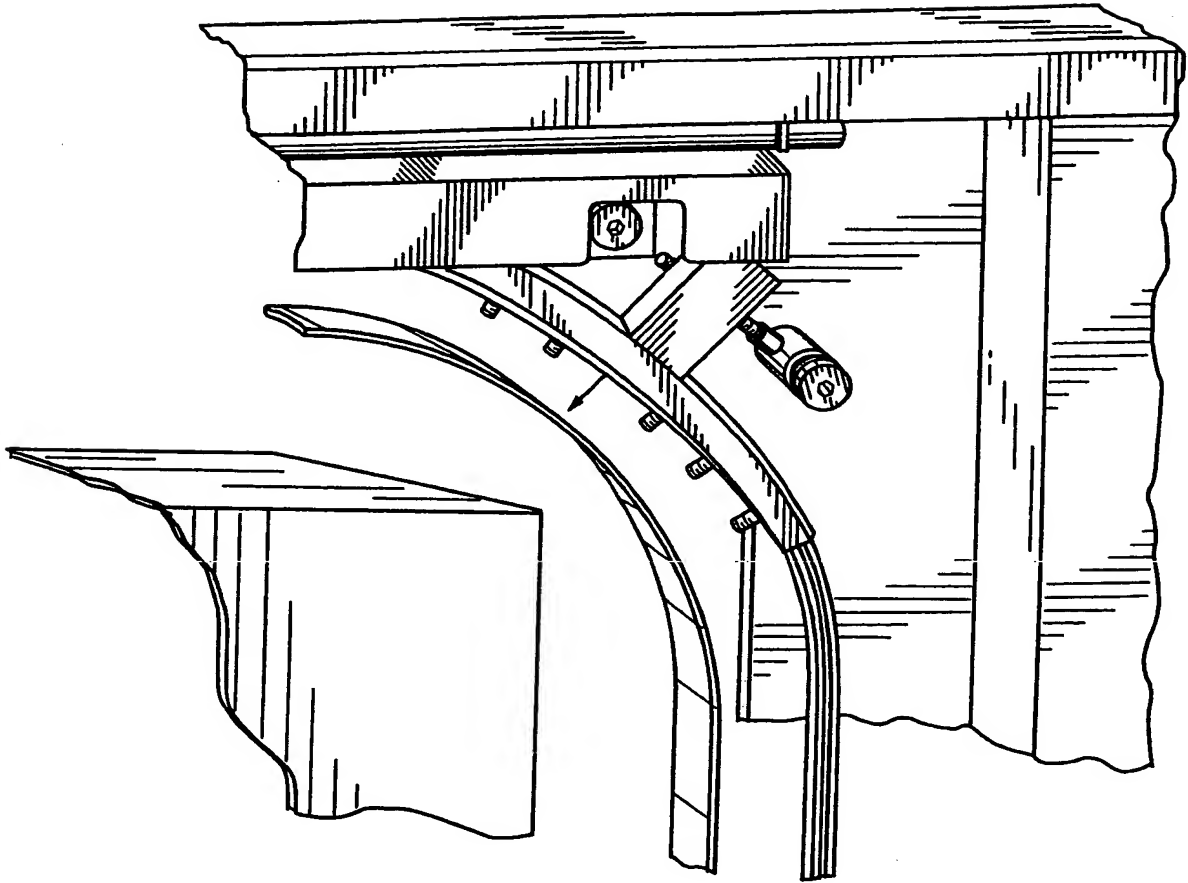
12/21

**Fig. 18**



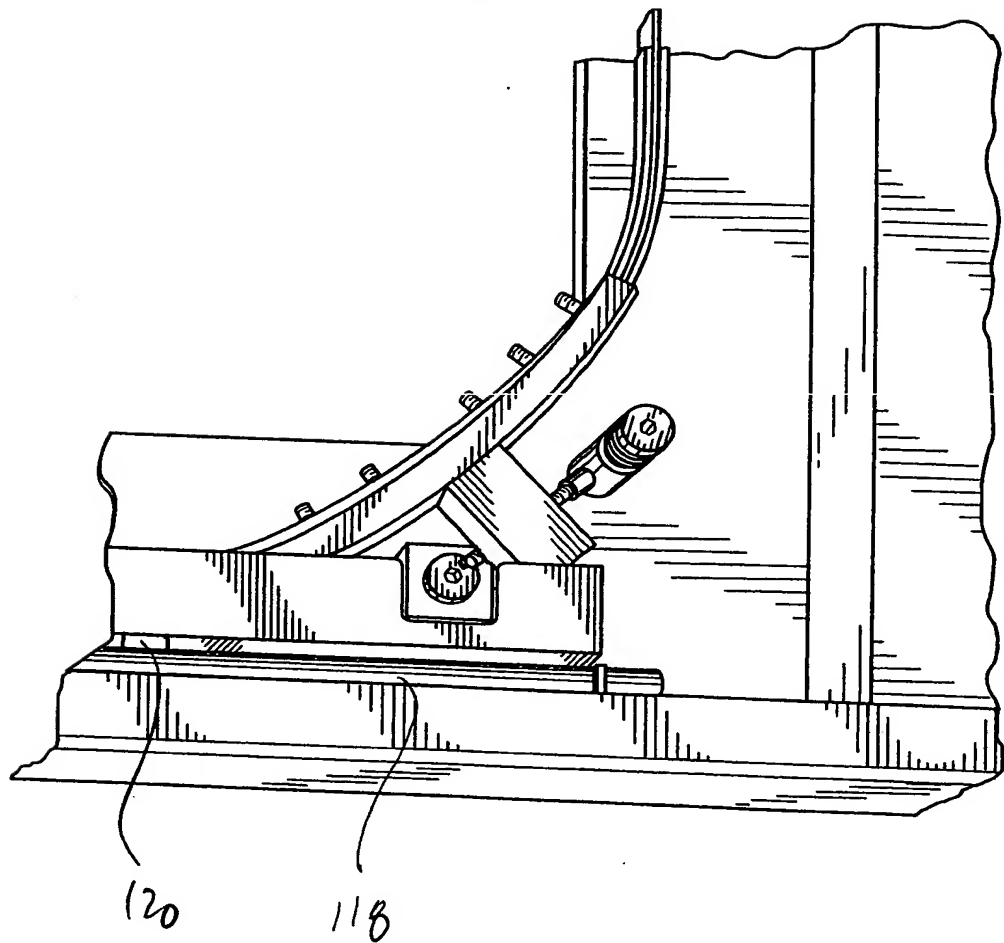
13/21

**Fig. 19**



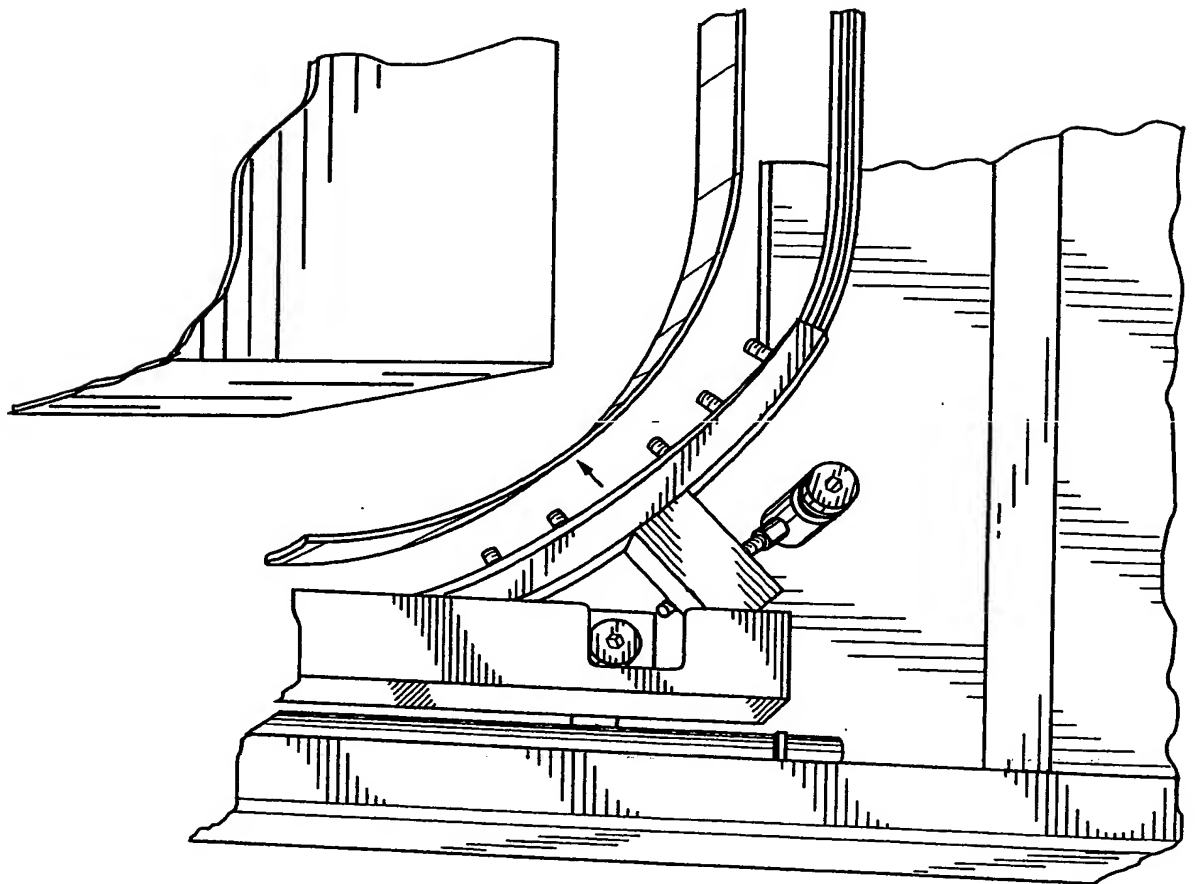
14/21

**Fig. 21**



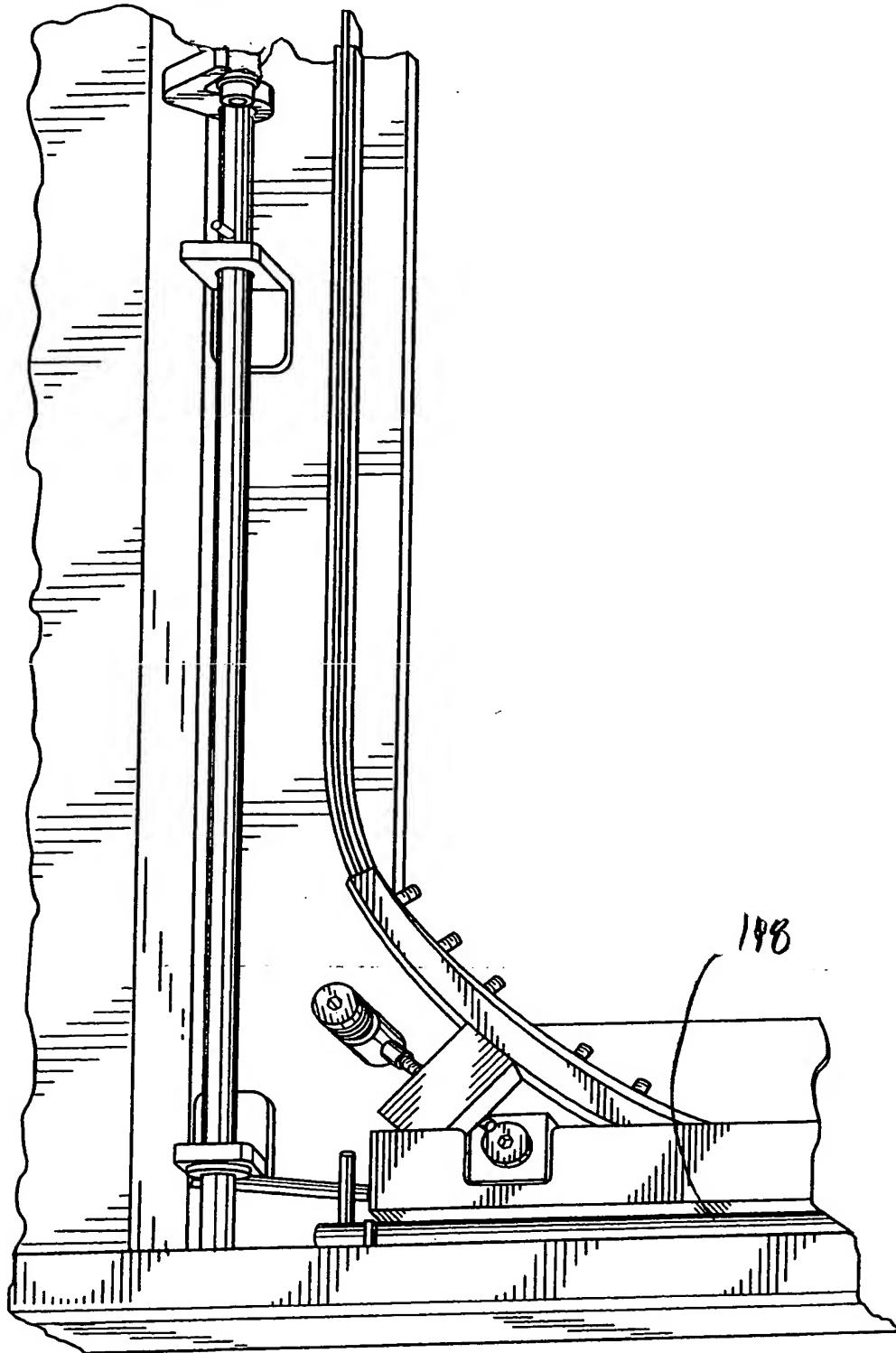
15/21

**Fig. 22**



16/21

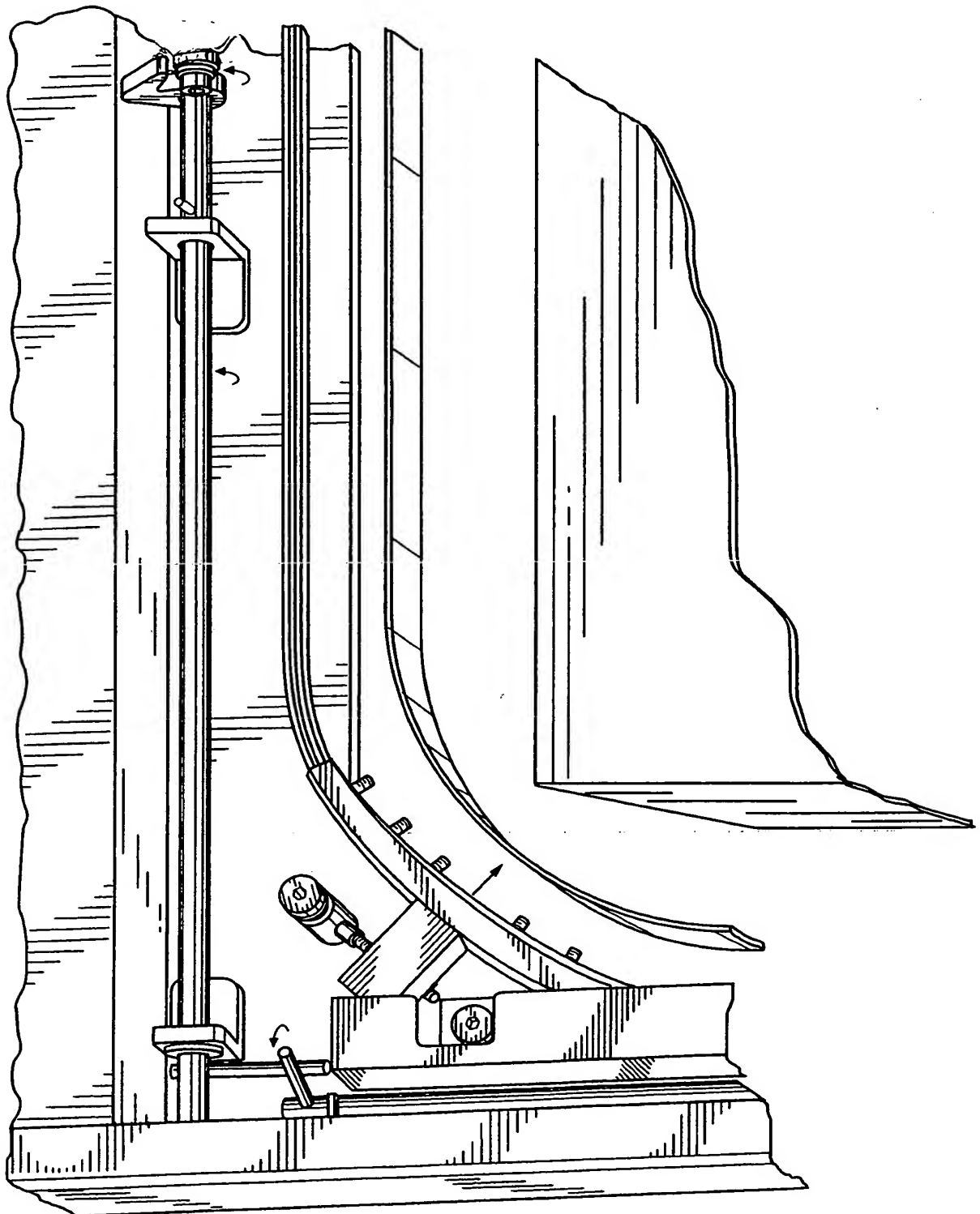
**Fig. 23**





17/21

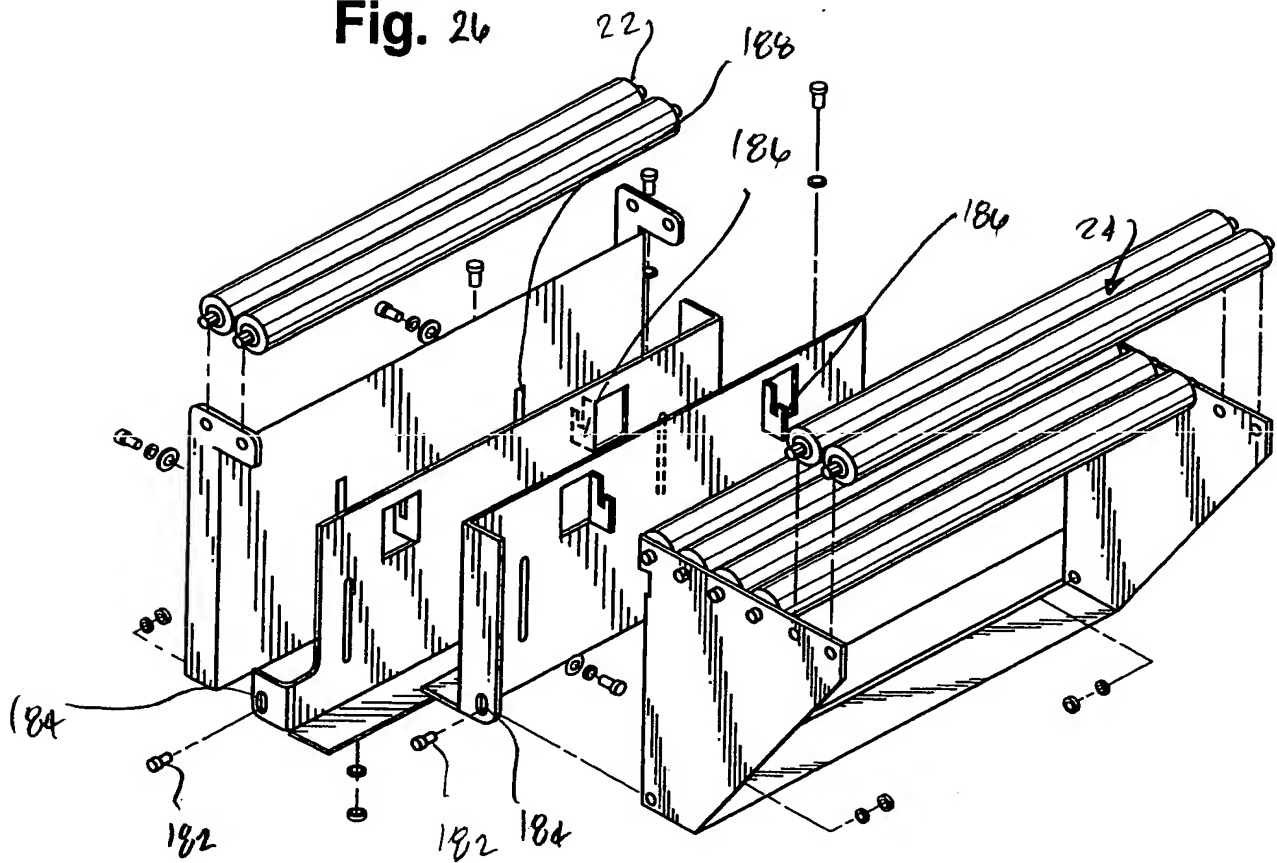
**Fig. 24**





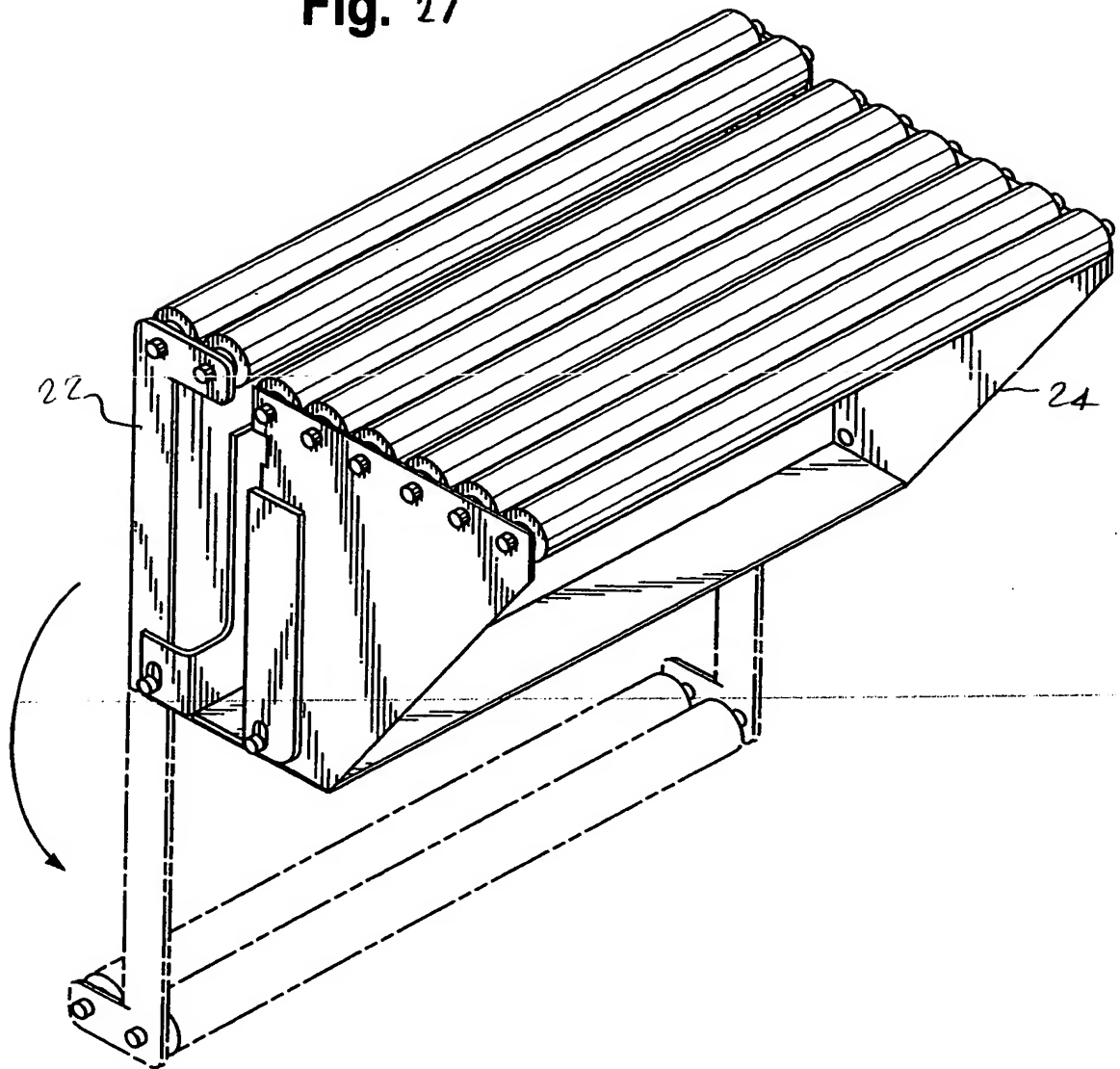
19/21

**Fig. 26**



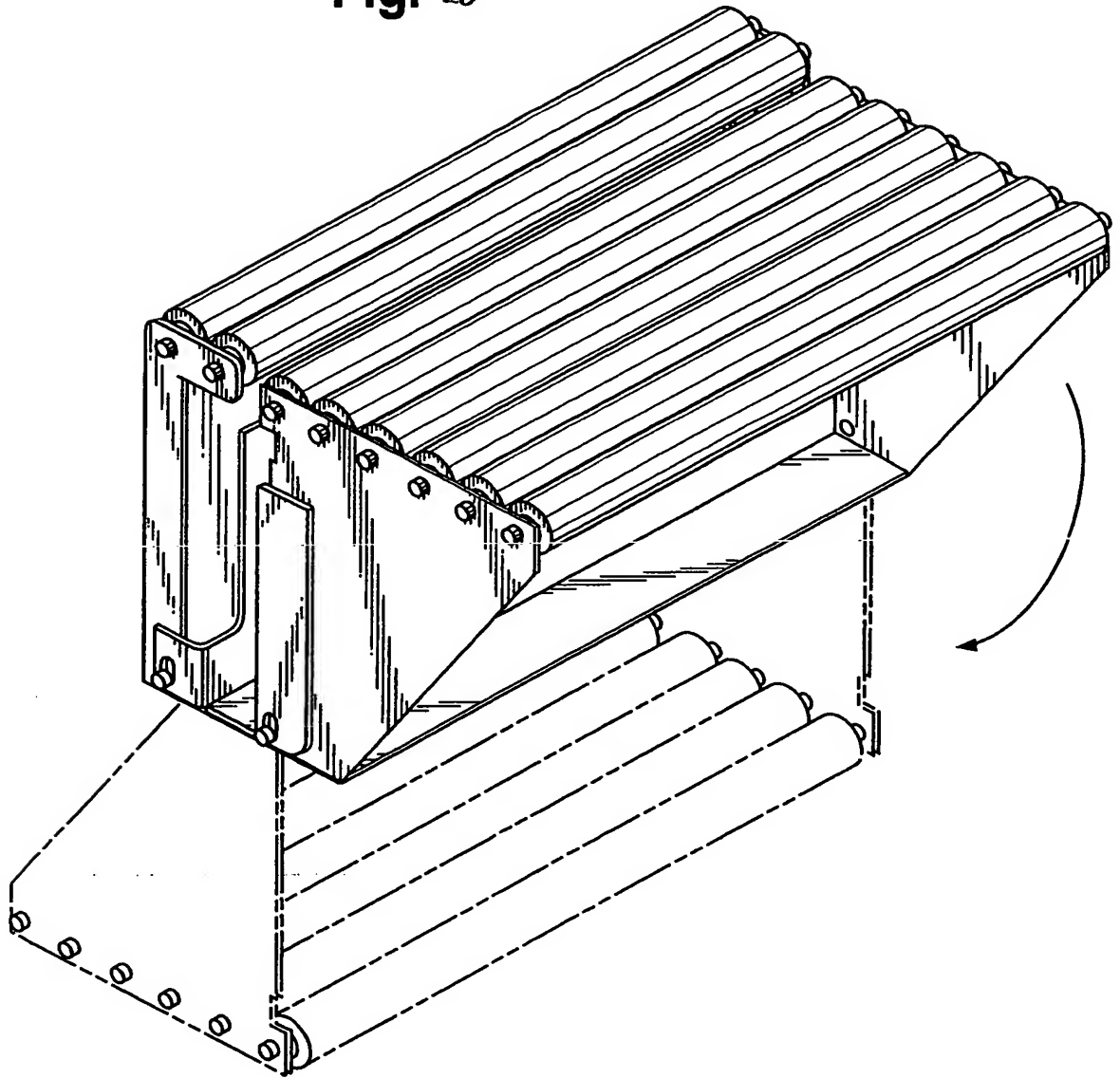
20/21

**Fig. 27**



21/21

**Fig. 28**



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**